UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/22/2005

John E Holmes Roylance Abrams Berdo & Goodman Suite 600 1300 19th Street NW Washington, DC 20036 EXAMINER

DEPPE, BETSY LEE

ART UNIT

PAPER NUMBER

2637

DATE MAILED: 09/22/2005

-	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/673,265	11/29/2000	Ernst Eberlein	41000	3597

TITLE OF INVENTION: COARSE FREQUENCY SYNCHRONISATION IN MULTICARRIER SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	12/22/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILD BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

appropriate. All further cor indicated unless corrected t maintenance fee notification	respondence including the pelow or directed otherwise as.	Patent, advance or in Block 1, by (a	JE FEE and PUE rders and notifican a) specifying a ne	BLICATION FEE (if requirements of maintenance fees w correspondence address	aired). Blocks 1 through 5 s will be mailed to the current a; and/or (b) indicating a sep	should be completed what correspondence address arate "FEE ADDRESS"
	E ADDRESS (Note: Use Block 1 for 09/22/2005	any change of address)		Fee(s) Transmittal Tl	f mailing can only be used f nis certificate cannot be used al paper, such as an assignm te of mailing or transmission.	for any other accompany
John E Holmes Roylance Abrams I Suite 600 1300 19th Street N	Berdo & Goodman			Ce	rtificate of Mailing or Tran his Fee(s) Transmittal is bein with sufficient postage for fin il Stop ISSUE FEE address PTO (571) 273-2885, on the	smission
Washington, DC 20	0036					(Depositor's na
						(Signat
						(D
APPLICATION NO.	FILING DATE		FIRST NAMED IN	VENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/673,265	11/29/2000		Ernst Eberle	ein	41000	3597
TITLE OF INVENTION: CO	OARSE FREQUENCY SYN	CHRONISATION	N IN MULTICAR	RIER SYSTEMS		
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400)	\$0	\$1400	12/22/2005
EXAM	INER	ART UN	IT	CLASS-SUBCLASS]	
DEPPE, BI	ETSY LEE	2637		375-326000	•	
1. Change of correspondence CFR 1.363).	address or indication of "Fe	ee Address" (37		on the patent front page, l		
	ence address (or Change of (2) attached.	Correspondence	_	of up to 3 registered pater alternatively,	_	
"Fee Address" indicati	ion (or "Fee Address" Indica r more recent) attached. Use	tion form	registered attor 2 registered pa	f a single firm (having as a mey or agent) and the name tent attorneys or agents. If will be printed.	nes of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (pri	int or type)		
PLEASE NOTE: Unless recordation as set forth in	following the filed below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed orth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.					
(A) NAME OF ASSIGNE				CITY and STATE OR CO		
			·		orporation or other private gr	oup entity Governm
a. The following fee(s) are o	enclosed:		. Payment of Fee(•		
				e amount of the fee(s) is en		
	mall entity discount permitte			redit card. Form PTO-2038		
Advance Order - # of	Copies		The Director Deposit Account	is hereby authorized by c Number	harge the required fee(s), or enclose an extra c	credit any overpayment copy of this form).
	from status indicated above)				
	MALL ENTITY status. See 3				LL ENTITY status. See 37 C	
NOTE: The Issue Fee and Punterest as shown by the reco	s requested to apply the Issuablication Fee (if required) was of the United States Pate	e Fee and Publicat rill not be accepted nt and Trademark	tion Fee (if any) or I from anyone othe Office.	to re-apply any previousler than the applicant; a reg	y paid issue fee to the applications is tered attorney or agent; or the	ation identified above. he assignee or other part
Authorized Signature				Date		
Typed or printed name					No	
his collection of information	n is required by 37 CFR 1.31	1. The information	n is required to ob	tain or retain a benefit by t	he public which is to file (and	d by the USPTO to proc

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/673,265	11/29/2000	Ernst Eberlein	41000	3597
7:	590 09/22/2005	EXAMINER		
John E Holmes		DEPPE, BETSY LEE		
Roylance Abrams I Suite 600	Berdo & Goodman	ART UNIT	PAPER NUMBER	
1300 19th Street N			2637	, · · · · · · · · · · · · · · · · · · ·
Washington, DC 20	0036	DATE MAILED: 09/22/2005		

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.